

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,580 MW
Hydro	1,874 MW
Distillate	0 MW
Total TNB	6,904 MW
Total IPP	10,633 MW
Total Co-Gen	28 MW
System Total	17,565 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30	
TNB Generation	4,996 MW
IPP Generation	9,832 MW
Total Set On Bus	15,837 MW
Maximum Demand	14,860 MW
Spinning Reserve	981 MW
Net Energy	315,383 MWH
Load Factor	88.4 %

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	12714	11978	11583	11228	11026	10964	11244	11132	11618	13201	14081	14739	14727	14289	14378	14836	14786	14401	13512	13462	14334	14031	13451	13191

Gas Usage

Station	(mmscfd)
CBPS	57
PAKA	123
PGPS	54
SRDG	64
TJGS	114
TNB Total	412
KLPP	120
MPSS	60
PDPS	31
PGLA	98
PKLG	65
PLPS	103
PTEK	14
SGB3	87
SGRI	180
SKSP	56
YPGS	68
YPKA	99
IPP Total	982
Total Gas	1,394

Total Gas Required : 1,394
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	33,094.00	10.49 %
Gas	50,999.00	16.17 %
Hydro	17,005.00	5.39 %
Total TNB	101,098.0	32.06 %
ST-Coal	89,926.0	28.51 %
ST-Gas	4,999.0	1.59 %
Gas	119,437.0	37.87 %
Total IPP	214,362.0	67.97 %
Co-Gen	713.0	0.23 %
Total Co-Gen	713.0	0.23 %
Total Generation	316,173.0	100.25 %
PLTG	68.0	0.02 %
HVDC	722.0	0.23 %
Interconnection	790.0	0.25 %
Net Energy	315,383.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	241
Hydro	83
Syncon	487
Thermal	107
Total	918

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	33

Daily MW Generation On Friday

13-Sep-2013

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																												
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	50	49	49	49	49	0	0	26	50	49	50	49	49	0	0	0	0	0	50	49	49	49	49	0	0	0										
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	18	0	0	0	25	25	25	25	25	0	0	0	0	0	25	25	25	25	25	25	0	0	0								
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	23	0	0	0	24	25	25	25	25	0	0	0	0	0	25	25	25	25	25	25	0	0	0								
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	24	24	24	24	25	0	0	0	25	24	24	24	24	25	0	0	0	0	24	24	24	24	24	24	0	0	0								
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	0	0	0	9	25	25	25	25	25	0	0	0	0	25	25	25	25	25	25	0	0	0								
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1							
TMGR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	84	78	1	1	0	0	0	75	82	1	0	0	0	0	0	0	78	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1					
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1						
TMGR	HY04	34	36	34	32	35	37	36	35	37	38	38	78	77	78	76	77	73	76	76	74	35	36	36	38	38	77	76	77	77	49	32	31	31	33	39	75	75	59	32	29	31	31	31	31	31	31						
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5					
Total Hydro		529	530	428	286	324	456	431	509	524	532	532	644	646	689	560	529	507	521	533	713	722	864	1126	1243	1127	835	599	595	655	814	1117	1123	1043	1042	764	630	624	625	628	864	1071	966	911	869	856	612	632	612				
PCUF	CUFG	31	32	30	30	31	31	30	30	31	31	30	31	31	31	31	31	30	29	29	28	28	28	28	28	29	27	28	27	28	28	27	28	29	28	29	28	29	29	29	29	29	30	30	30	31	30	32	31	32			
Total Co-Gen		31	32	30	30	31	31	30	30	31	31	30	30	32	31	31	31	31	31	31	31	30	29	29	28	28	28	28	29	27	28	27	28	28	27	28	29	28	29	29	29	29	30	30	30	31	30	32	31	32			
Total Gen		12687	12450	11974	11843	11595	11457	11273	11063	11014	11010	10955	11108	11217	11438	11237	11207	11657	11269	13277	13827	14109	14451	14772	14856	14802	14502	14312	14310	14399	14679	14908	14901	14861	14833	14407	14091	13533	13392	13447	14161	14374	14311	14120	13801	13579	13402	13242	13044				
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TIE-HVDC		30	30	30	31	32	29	29	32	29	31	29	32	29	30	30	30	30	30	30	31	31	31	31	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	30	30	31	31	31	31	31	30	30	29	29			
TIE-PLTG		-57	-41	-34	5	-110	-42	16	-24	-41	-2	-38	66	-56	-4	75	32	9	35	44	20	-2	6	3	-35	44	34	-8	14	-9	-33	42	23	45	-19	-23	70	-8	56	-44	-129	10	27	58	-6	96	10	21	41				
Interconnection		-27	-11	-4	36	-78	-13	45	8	-12	29	-9	98	-27	26	105	62	39	64	76	50	28	36	33	-4	75	65	23	44	21	-3	72	53	75	10	6	99	21	85	-15	-99	40	58	89	25	127	40	51	70				
System Total		12714	12461	11978	11807	11593	11470	11228	11055	11026	10981	10964	11010	11244	11409	11132	11145	11618	12595	13201	13777	14081	14415	14739	14860	14727	14437	14289	14266	14378	14682	14836	14848	14786	14823	14401	13992	13512	13307	13462	14260	14334	14253	14031	13776	13452	13362	13191	12974				
SRev ST-Coal		117	138	204	213	160	161	162	167	158	170	183	175	177	132	121	121	124	120	119	121	117	114	127	128	122	124	127	121	126	123	122	120	125	119	117	124	123	122	118	122	122	126	128	134	135	124	118	130	130			
SRev ST-Gas		34	34	34	35	35	35	34	34	34	34	34	34	34	35	35	35	36	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		554	257	343	295	474	650	801	1088	1144	1115	1119	1046	831	651	734	732	766	300	162	204	214	183	198	192	163	175	187	202	186	172	185	204	198	202	196	203	462	515	480	174	177	155	167	198	278	149	242	268	268			
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	27	82	110	49	134	128	67	54	45	37	109	100	60	90	140	86	152	158	130	11	52	33	156	179	80	24	0	0	0	0			
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Syncon		625	625	625	625	625	474	625	625	625	625	474	474	474	474	625	625	625	625	539	539	539	539	539	388	625	625	625	625	625	539	539	539	539	539	625	625	625	625	625	474	474	625	625	625	625	625	474	625	625			
Hydro		96	95	92	129	91	215	89	116	101	93	93	132	130	87	216	96	118	104	92	48	114	97	40	73	190	138	124	128	96	87	49	43	38	39	81	93	99	98	95	185	310	114	62	82	95	89	220	89				
S.Reserve Total		1426	1149	1403	1402	1490	1535	1712	2030	2062	2037	2054	1861	1646	1378	1580	1609	1668	1185	1011	1011	1011	1015	1014	981	1147	1190	1130	1130	1078	1044	1004	1006	960	989	1159	1131	1470	1553	1482	1004	1135	1052	1137	1218	1213	1011	1054	1149				